

PART I - SITE ASSESSMENT

The format of this report follows the outline provided in the Guidance Manual for Developing a Storm Water Pollution Prevention Plan for Industrial Facilities, Washington State Department of Ecology Publication WQ-R-93-015. Preparation of this SWPPP does not guarantee compliance with the WSDOE General Permit. It is the responsibility of the Industrial Site Owner to implement the necessary Best Management Practices, Training and Water Quality Monitoring and Sampling of the site to meet the requirements of the Industrial General Storm Water Discharge Permit.

Section 1 – Site Information and Operation

Project Proponent: Puget Sound Truck Lines (PSTL)
Contact: Joe Conley
3720 Airport Way S.
PO Box 24526
Seattle, WA 98124-0526
(800) 638-2254

Parcel Numbers: 213620-068-05

Total Site Area: 6.35 acres overall

Zoned: Industrial

Site Address: 7303 – 8th Ave S, Seattle WA 98108

Required Permits: WSDOE Storm Water General Permit

Section, Township, Range Sec 29, Twn 24N, Rng 4E, W.M.

Latitude and Longitude Lat 47° 32' 11", Long 122° 19' 23"

Pollution Prevention Team		
Responsible Official	Position	Office Phone
Joe Conley	Regional Contact	(206) 623-1600 (800) 638-2254
Miles Kaatz	Terminal Manager	(206) 623-1600 (800) 638-2254

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Facility Operations

PSTL - Seattle is a trucking company located at 7303 - 8th Avenue South in Seattle, Washington. Operations at the site include vehicle maintenance, truck and trailer washing, loading and unloading trailers, and diesel refueling operations. The majority of the site consists of asphalt and is utilized for trucking equipment parking.

Section 2 - Site Assessment Inspection

PSTL Property Assessment

On February 17, 2003, RB Engineering staff met with the owner and performed a site assessment of the facility. Inspections included the paved drive and parking area, vehicle maintenance area, truck washing, loading docks, and truck and trailer washing area.

Vehicle maintenance is conducted at the PSTL - Seattle site. The maintenance shop includes an inventory of: a mobile grease cart on wheels, a solvent tank, a motor oil tank, a used oil collection pan that pumps to an outside containment tank, used oil filter drums, windshield washer fluid, motor oil, and hydraulic oil. Phoenix Environmental is used to pick up used solvent, Arcom Oil Company is used for the pick up of waste oil and an approved recycling company is used for the recycling of antifreeze. Used rags will be disposed of in solid waste. Drums for lubricating and servicing the trucks and trailers are kept on a plastic collection grid and, when needed, spills are collected by a recycling service.

Truck washing is done prior to maintenance by PSTL on the concrete slab located northwest and adjacent to the maintenance area. The wash water is collected into a recessed catch basin and then treated with an oil/water separator (OWS) and discharged to the sanitary sewer. This area does contain small leaks from areas associated with the vehicle washing and maintenance; however, the OWS is effective treatment before the sanitary sewer.

PSTL truck fueling is conducted on this site. At the fueling station the pump and hoses are covered with a solid roof preventing excessive storm water infiltration to the fueling area. Underneath the pump and hoses is a metal fuel spill collection pan. This pan is designed to pipe any spilling of fuel to a concrete collection area in the pavement. This area is designed with the correct slopes to allow for drainage to a catch basin that is recessed in the center of the collection area. This flow is piped to an OWS and then piped to the sanitary sewer. This system does have some exposure to storm water in the area of the catch basin, although this system is reducing the run-on of storm water from the pavement and eliminating the run-off of spillage to the storm water flow. In the event of a spill overflow or leak on the pavement, this system is used to wash the fuel into the catch basin and OWS. The fuel tank is double walled and protected from vehicles by concrete barriers. No sign of oil sheen or fuel leaking was prevalent at the time of inspection.

PSTL contracts with Emerald Environmental Company or an approved company for cleaning of the trucks and trailers by using a steamer sump extraction. This company is required to plug the storm drainage inlets with a balloon system and vacuum the washing discharge into a tank and dispose of offsite at a treatment facility. All washing

by this company is performed in the trailer wash area located east of the maintenance shop. See the site map located in Appendix 1.

Section 3 – Materials Inventory List

PSTL uses and stores materials appropriate for its vehicle maintenance activities. A list of the types and materials that are currently used is located in Appendix 2.

Section 4 – Past Spills and Leaks

RB Engineering interviewed Dave Eaden regarding any significant past spills of oil or diesel fuel during our site inspection. It was indicated that there were no large onsite spills at this location.

Section 5 – Areas Associated with Industrial Activity

Areas associated with industrial activity include the following:

Vehicle Washing Area

This area is paved with three (3) catch basins that are plugged during washing to prevent wash water from entering the storm drain. The contour of the asphalted area is designed for retention of the water. The contracted washing company vacuums the area with an industrial machine and collects the water to a tanker that takes it off site to a treatment facility.

Onsite Truck Refueling

All truck refueling is currently done out in the yard at a 20,000 gallon diesel double walled fuel tank and covered fueling station. A fueling policy, as outlined in this SWPPP, will be incorporated and signage will be installed to inform vehicle operators of proper refueling and emergency response procedures in case of a small and/or large spill. Two CBs which discharge to sanitary sewer. Suggest, install covered fueling over fueling station. CBO 6-9-05

Vehicle Parking and Storage Yard

The majority of this site consists of all asphalted yard area, which includes storage of tractors and trailers. No maintenance is conducted outside of the maintenance shop and the area does not exceed the required threshold for implementation of treatment BMP's.

Maintenance Dock

The dock area is used for washing off trucks before maintenance. All water from this area is routed to an OWS and then to the sanitary sewer. No significant spills or leaks are prevalent.

Trailer Washing

PSTL contracts with a mobile washing company to alternate the cleaning of 26 tractors one week and 26 tractors the next. This company is required to plug the storm drainage inlets with a balloon and vacuum the washing discharge into a tank and dispose of offsite.

Section 6 – Non-Storm Water Discharge Investigation

Non-storm water discharges from the site are routed to either oil/water separators and then to the sanitary sewer, or vacuumed to storage tank and taken offsite to a treatment facility. See Appendix 1 for a detailed site map.

Appendix 7 contains the standard certification form “Non-Storm Water Discharge Dry Weather Assessment & Certification Form” that is required to be signed every year after completion of the dry weather inspections. The SWPPP is considered **out of compliance** if this certification is not completed every year.

Section 7 – Capital Improvements Planned

The following capital improvements are planned for the PSTL Seattle site in accordance to the WSDOE General Permit:

1. Fossil Filter Flo-guard inserts to be installed in catch basins 1,2,3. See Appendix 1, “Filter Installation Plan” for details.
2. Pipe re-alignment of storm drain

Section 8 – Capital Improvement Implementation Schedule

The following is a summary of the proposed capital improvement projects for the Puget Sound Truck Lines site.

Improvements		Year of Improvement						
Item No.	Work Done By	2005	2006	2007	2008	2009	2010	2011
Per Section 7								
1	Sept	X						
2	Sept.		X					

Section 9 – Employee Training

Employee training will include the following:

- Annual review of this SWPPP and BMP's for the Spill Prevention and Emergency Cleanup Plan with all shop employees.
- Annual review of this SWPPP with all employees to ensure continued familiarity with the SWPPP.
- Annual review of emergency spill response procedures and post them in the maintenance shop, and outside liquid storage area, wash rack area, and the fuel island.

- Annual review of truck and vehicle refueling policy. These policies and procedures shall be posted at the refueling pumps.

Section 10 – Not Used

Section 11 – Not Used